

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008698.D
 Acq On : 28 Dec 2016 17:55
 Operator : UM/SJ
 Sample : H5995-03DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA864DL

Manual Integrations
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mohammad
 12/30/2016 8:53:33 AM

Quant Time: Dec 29 11:00:06 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	508m	0.40	ng/ul	-0.17
2) Naphthalene-d8	10.40	136	1997m	0.40	ng/ul	-0.16
6) Acenaphthene-d10	14.30	164	2980	0.40	ng/ul	-0.05
10) Phenanthrene-d10	16.99	188	18082	0.40	ng/ul	-0.12
16) Chrysene-d12	21.26	240	3022m	0.40	ng/ul	-0.03
20) Perylene-d12	23.49	264	1638m	0.40	ng/ul	-0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	415m	0.14	ng/ul	-0.17
14) Fluoranthene-d10	19.06	212	6009	0.12	ng/ul	-0.07
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	20905m	3.72	ng/ul	
5) 2-Methylnaphthalene	12.07	142	36263m	9.59	ng/ul	
7) Acenaphthylene	14.00	152	1869	0.14	ng/ul#	21
8) Acenaphthene	14.33	153	4635	0.46	ng/ul	94
9) Fluorene	15.34	166	19694	1.70	ng/ul	98
12) Phenanthrene	17.07	178	28607m	0.52	ng/ul	
15) Fluoranthene	19.11	202	6457m	0.10	ng/ul	
17) Pyrene	19.48	202	10449m	0.89	ng/ul	
23) Benzo(a)pyrene	23.38	252	1402m	0.23	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	771m	0.11	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	790m	0.13	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

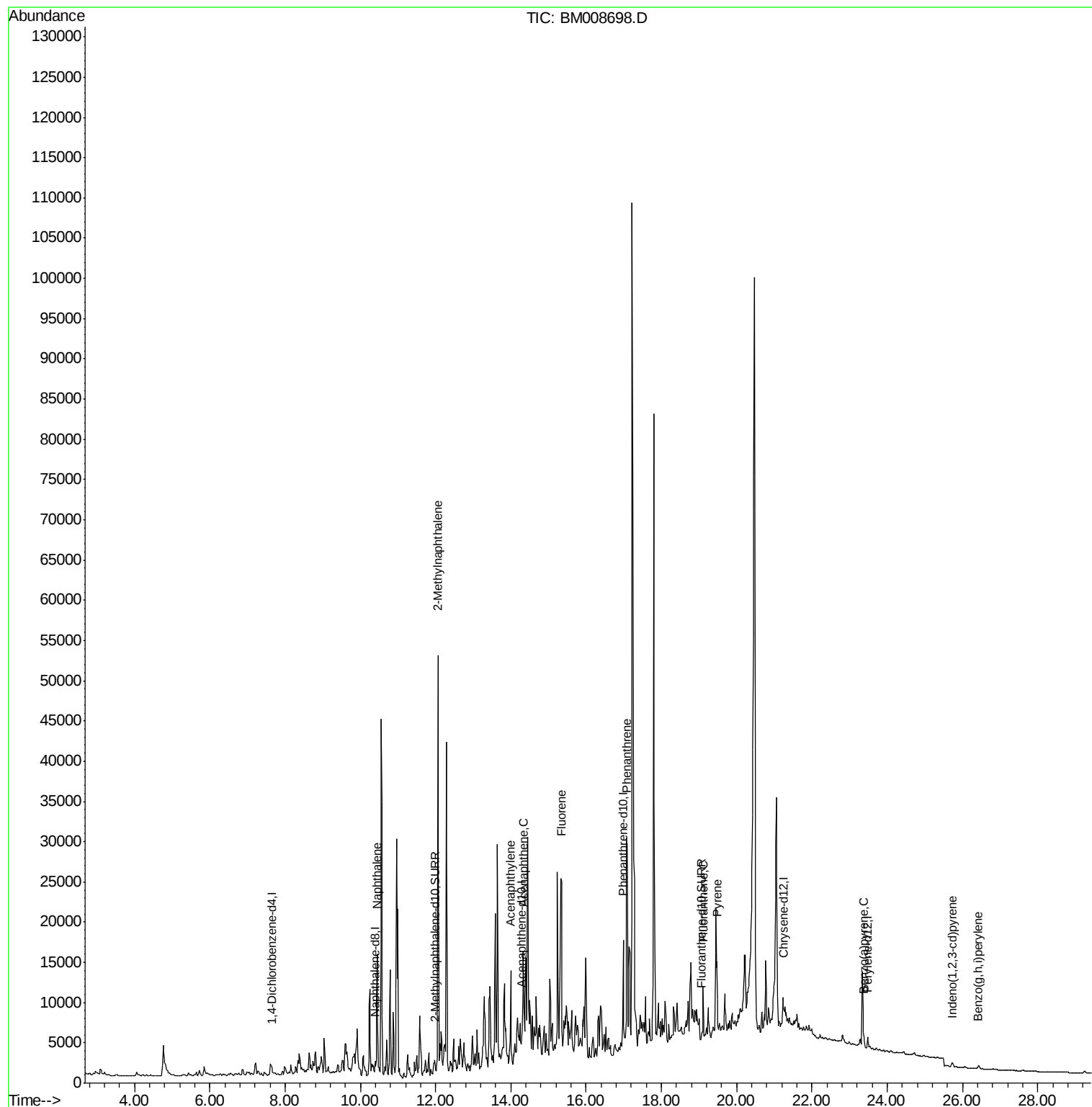
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008698.D
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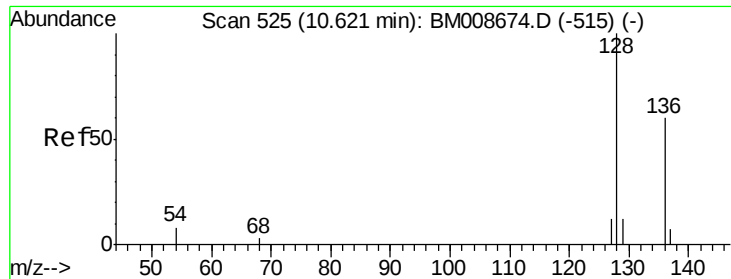
Instrument :
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#3

Naphthalene

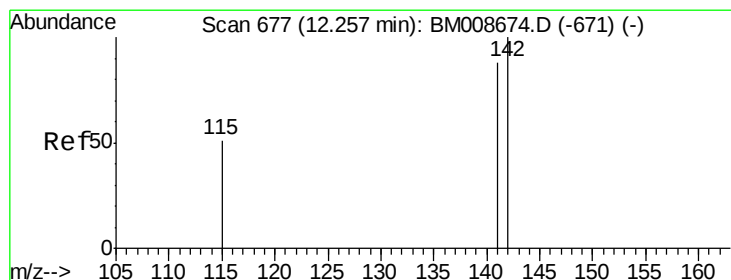
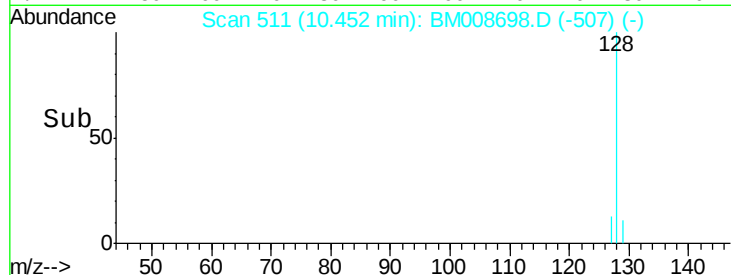
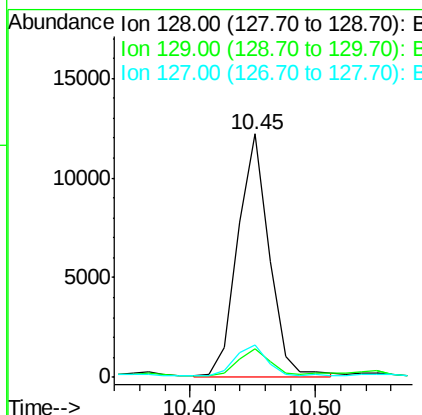
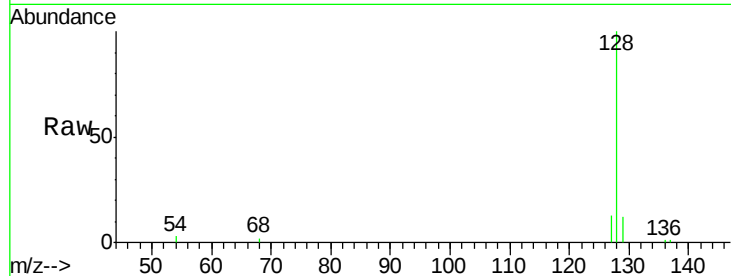
Concen: 3.72 ng/ul m
RT: 10.45 min Scan# 511
Delta R.T. -0.16 min
Lab File: BM008698.D
Acq: 28 Dec 2016 17:55

Instrument :
BNA_M
ClientSampleId :
DA864DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	11.3	16.9
127	13.2	12.8	19.2

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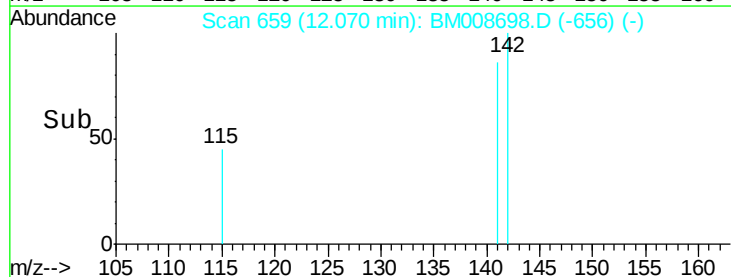
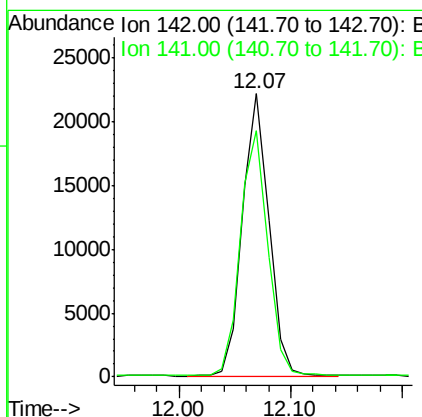
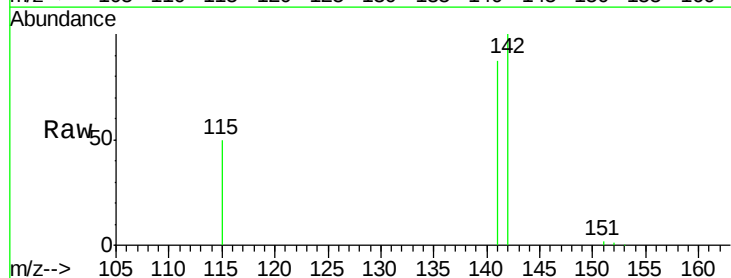


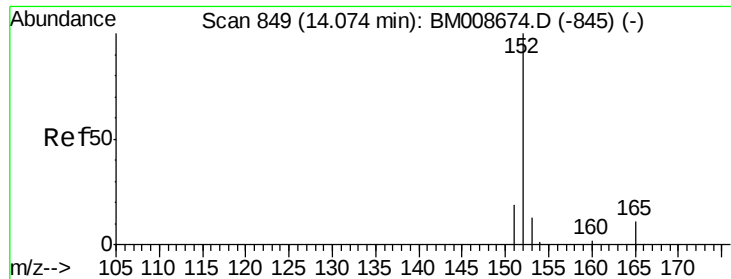
#5

2-Methylnaphthalene

Concen: 9.59 ng/ul m
RT: 12.07 min Scan# 659
Delta R.T. -0.17 min
Lab File: BM008698.D
Acq: 28 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	68.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.14 ng/ul

RT: 14.00 min Scan# 844

Delta R.T. -0.08 min

Lab File: BM008698.D

Acq: 28 Dec 2016 17:55

Instrument :

BNA_M

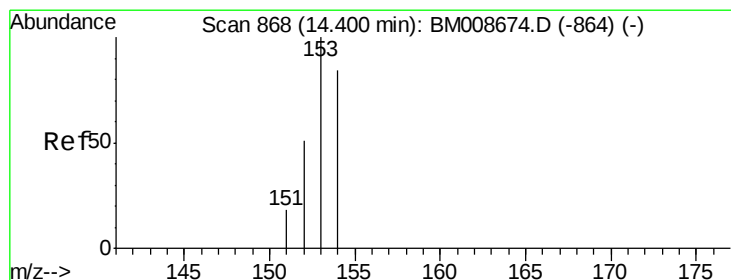
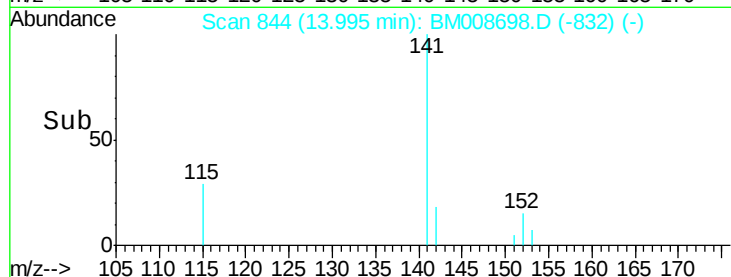
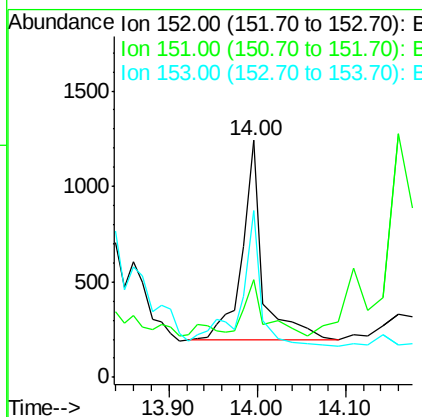
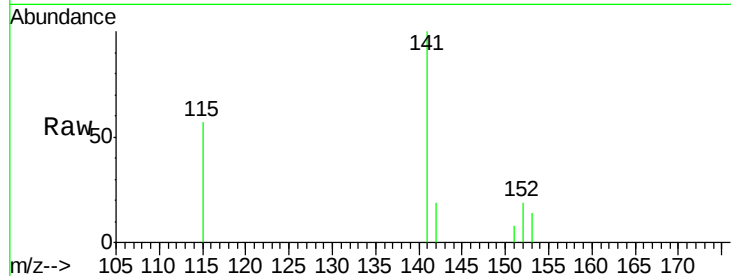
ClientSampleId :

DA864DL

Tgt Ion:	152	Resp:	1869
Ion Ratio	Lower	Upper	
152	100		
151	41.1	17.1	25.7#
153	70.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.46 ng/ul

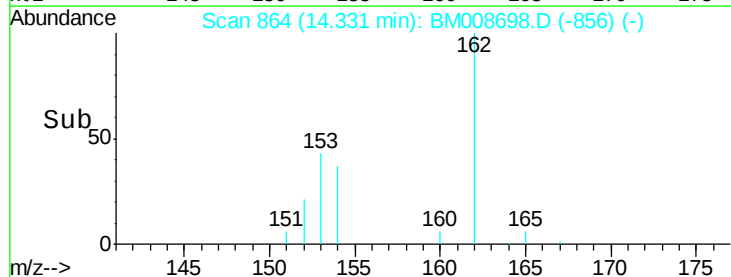
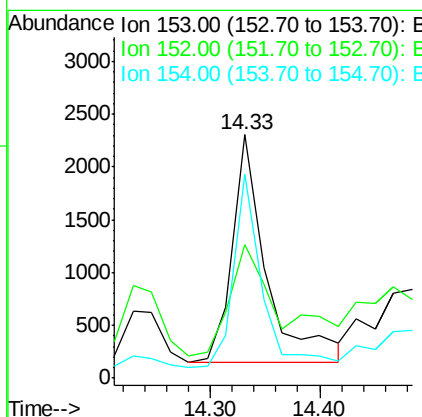
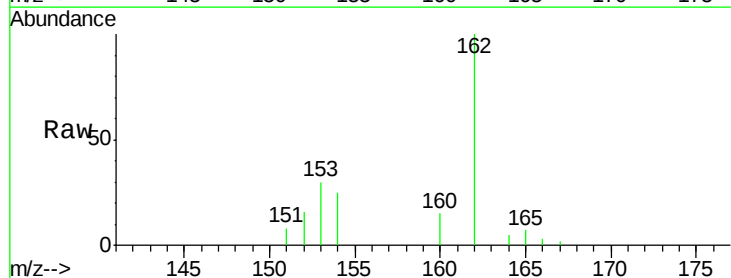
RT: 14.33 min Scan# 864

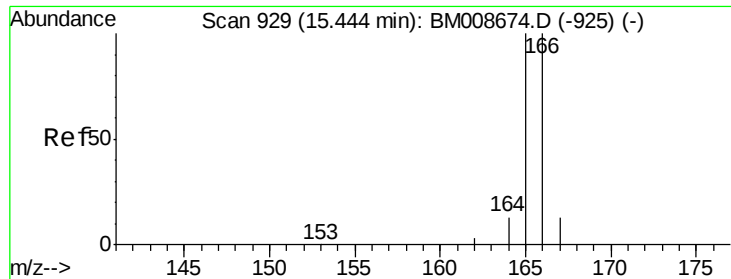
Delta R.T. -0.07 min

Lab File: BM008698.D

Acq: 28 Dec 2016 17:55

Tgt Ion:	153	Resp:	4635
Ion Ratio	Lower	Upper	
153	100		
152	55.0	40.3	60.5
154	83.5	71.4	107.2





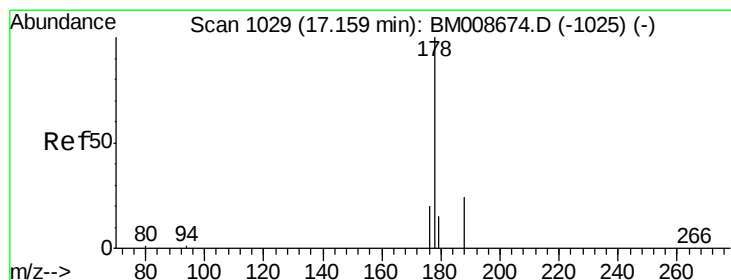
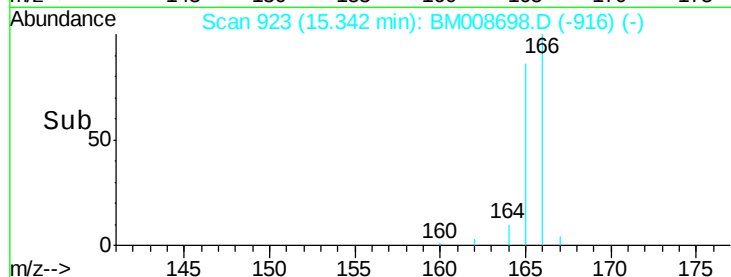
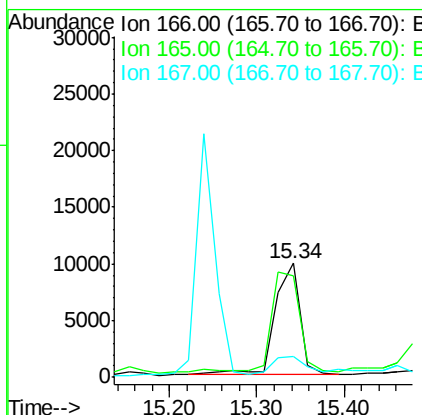
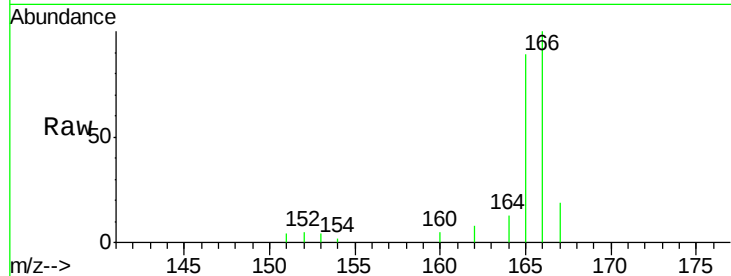
#9
Fluorene
 Concen: 1.70 ng/ul
 RT: 15.34 min Scan# 923
 Delta R.T. -0.09 min
 Lab File: BM008698.D
 Acq: 28 Dec 2016 17:55

Instrument :
 BNA_M
 ClientSampleId :
 DA864DL

Tgt Ion:166 Resp: 19694
 Ion Ratio Lower Upper
 166 100
 165 89.5 73.4 110.2
 167 18.5 14.6 22.0

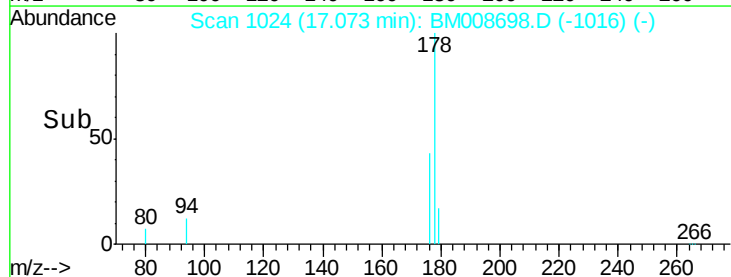
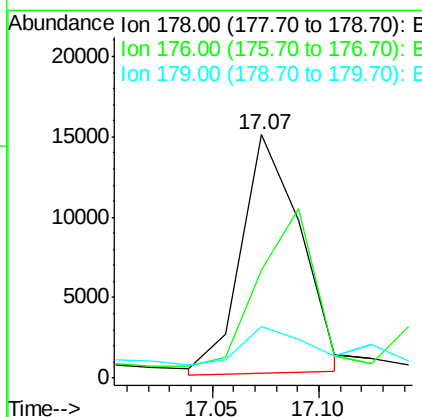
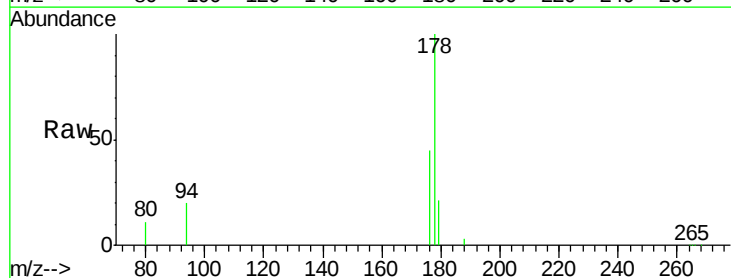
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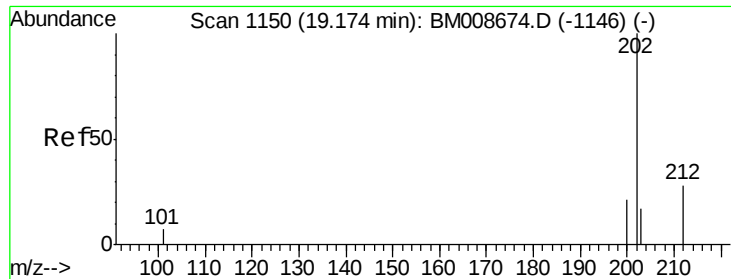
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#12
Phenanthrene
 Concen: 0.52 ng/ul m
 RT: 17.07 min Scan# 1024
 Delta R.T. -0.07 min
 Lab File: BM008698.D
 Acq: 28 Dec 2016 17:55

Tgt Ion:178 Resp: 28607
 Ion Ratio Lower Upper
 178 100
 176 44.6 18.4 27.6#
 179 21.3 13.6 20.4#





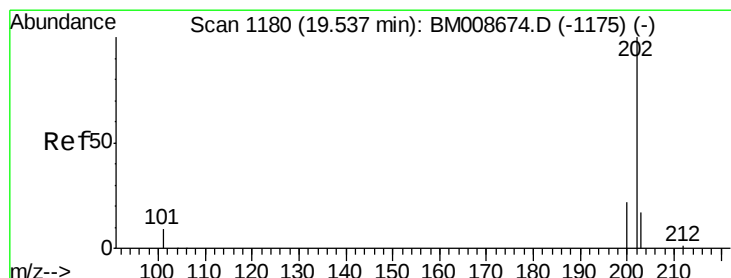
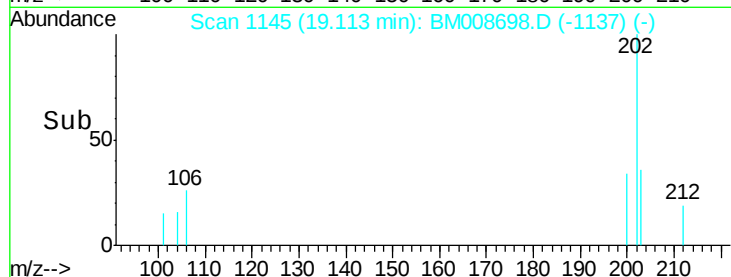
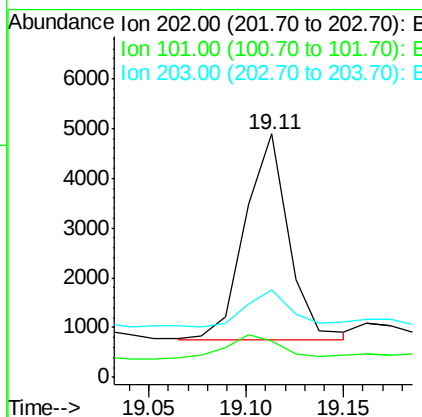
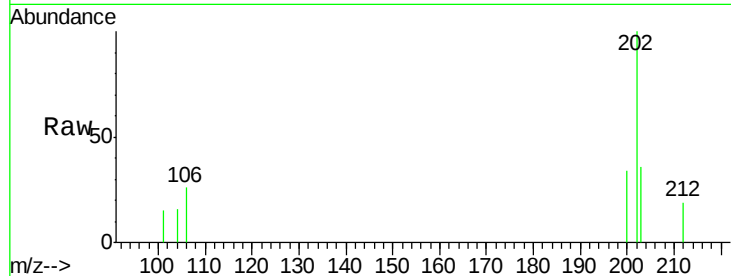
#15
Fluoranthene
Concen: 0.10 ng/ul m
RT: 19.11 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM008698.D
Acq: 28 Dec 2016 17:55

Instrument :
BNA_M
ClientSampleId :
DA864DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	30.3
203	36.0	0.0	39.5

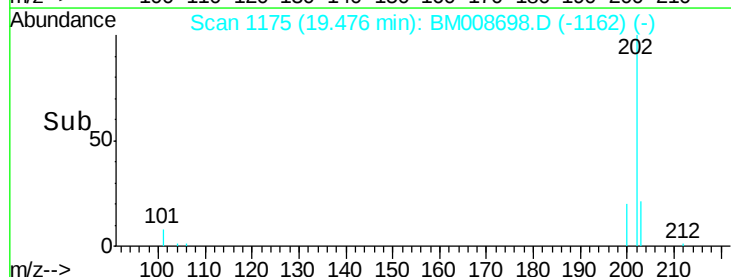
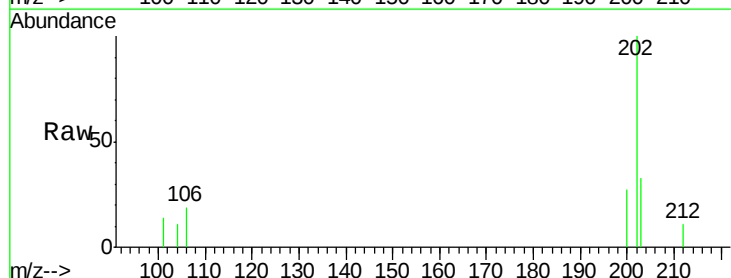
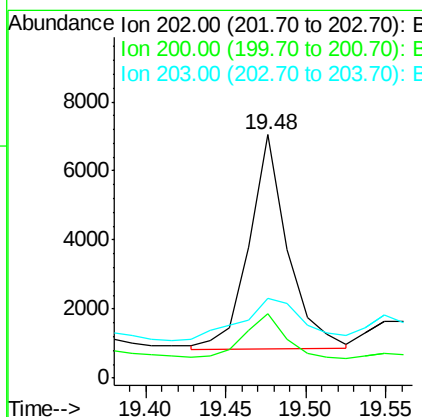
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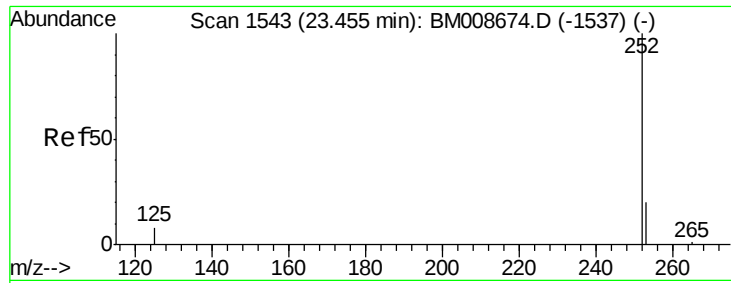
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#17
Pyrene
Concen: 0.89 ng/ul m
RT: 19.48 min Scan# 1175
Delta R.T. -0.04 min
Lab File: BM008698.D
Acq: 28 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.7	18.2	27.4
203	33.0	15.6	23.4#





#23

Benzo(a)pyrene

Concen: 0.23 ng/ul m

RT: 23.38 min Scan# 1536

Delta R.T. -0.05 min

Lab File: BM008698.D

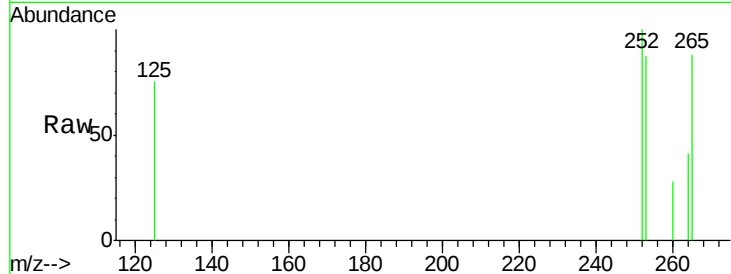
Acq: 28 Dec 2016 17:55

Instrument :

BNA_M

ClientSampleId :

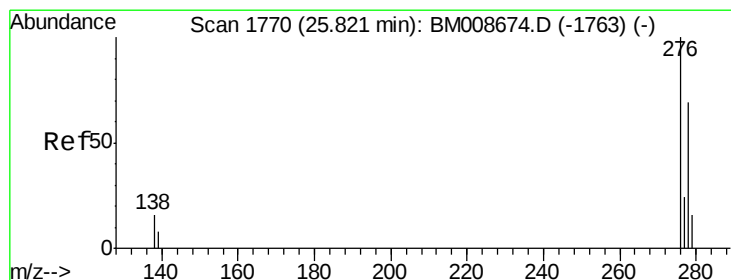
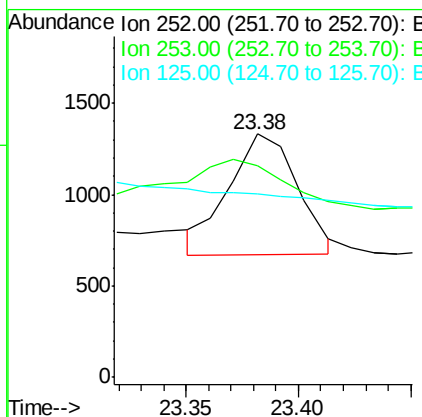
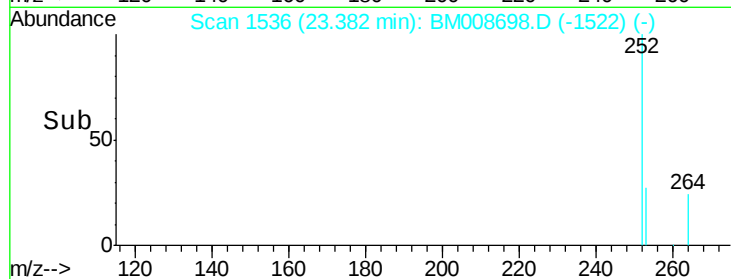
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Tgt Ion:	252	Resp:	1402
Ion Ratio	Lower	Upper	
252	100		
253	87.1	28.5	42.7#
125	75.2	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

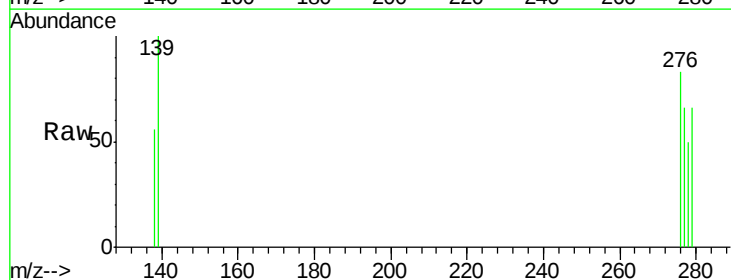
Concen: 0.11 ng/ul m

RT: 25.74 min Scan# 1762

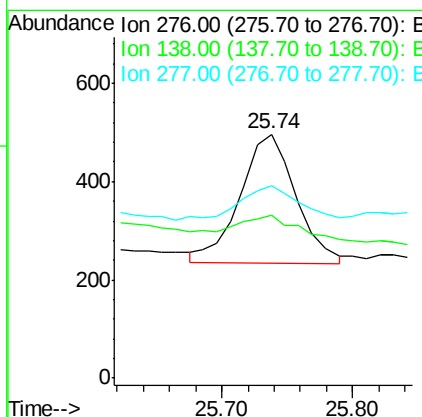
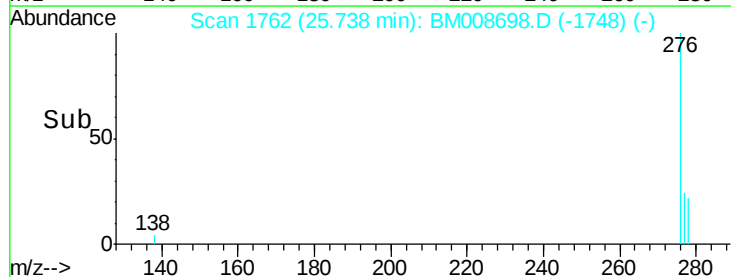
Delta R.T. -0.05 min

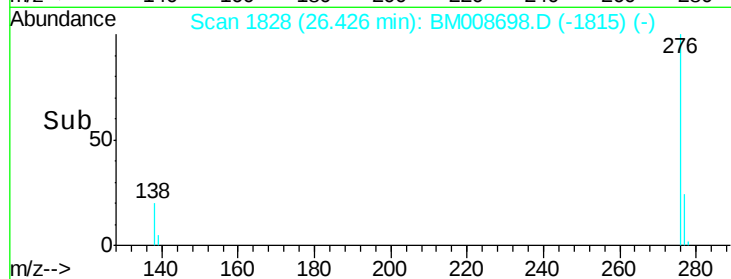
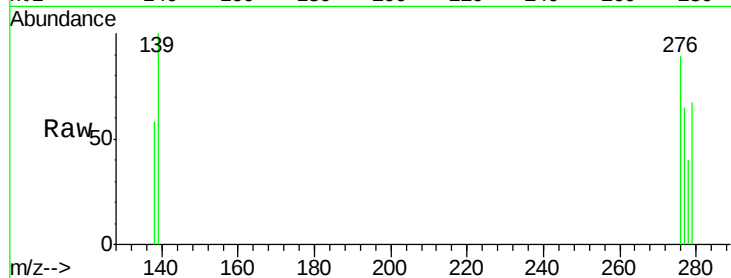
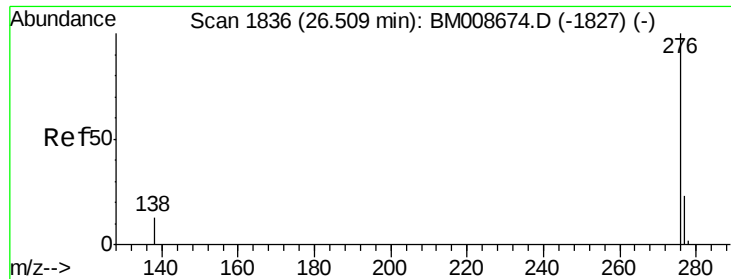
Lab File: BM008698.D

Acq: 28 Dec 2016 17:55



Tgt Ion:	276	Resp:	771
Ion Ratio	Lower	Upper	
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#





#26

Benzo(g,h,i)perylene

Concen: 0.13 ng/ul m

RT: 26.43 min Scan# 1828

Delta R.T. -0.06 min

Lab File: BM008698.D

Acq: 28 Dec 2016 17:55

Instrument :

BNA_M

ClientSampleId :

DA864DL

Tgt Ion:	276	Resp:	790
Ion Ratio	Lower	Upper	
276	100		
277	73.6	21.8	32.8#
138	65.6	20.5	30.7#

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